

[NAME OF DOCUMENT] ABSTRACT

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[SUBJECT] It is an object of the present invention to provide a deposited-film forming apparatus capable of forming a deposited film of aluminum or the like on the surface of each of rare earth metal-based permanent magnets at a high quality in respect of a corrosion resistance and the like and at a low cost, wherein the damaging of the deposited film of aluminum can be inhibited.

[MEANS FOR SOLUTION] A deposited-film forming apparatus according to a first embodiment of the present invention, wherein a tubular barrel is supported outside a horizontal rotary shaft of a support member rotatable about the rotary shaft, for rotation about the rotary shaft, so that the distance between the tubular barrel rotated about the rotary shaft of the support member and the evaporating section can be varied by rotating the support member. A deposited-film forming apparatus according to a second embodiment of the present invention, wherein the inside of a tubular barrel is divided into two or more accommodating sections, the accommodating sections being defined, so that the distance between the accommodating section and the evaporating section can be varied by rotating the tubular barrel.

[SELECTED DRAWING] Fig.1